

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (cancelled)

Claim 2 (currently amended): The filtration cassette of ~~claim 1~~ claim 12, wherein said sealing resin extends along the perimetrical edges and ~~apertures of said plurality of longitudinal opposed feed~~ retentate apertures and said plurality of longitudinal opposed retentate apertures and filtrate ~~screens~~ screen.

Claim 3 (cancelled)

Claim 4 (currently amended): The filtration cassette of ~~claim 1~~ claim 12, wherein said screens define apertures shaped so as to positively direct the resin during ~~vacuum~~ drawing to a desired location in the flow channels.

Claim 5 (cancelled)

Claim 6 (currently amended): The filtration cassette of ~~claim 1~~ claim 12, wherein said

feed/retentate apertures are shaped to be symmetrical only about the longitudinal axis of said filtrate screen.

Claim 7 (currently amended): The filtration cassette of ~~claim 1~~ claim 12, wherein said filtrate apertures are shaped to be symmetrical only about the longitudinal axis of said feed/retentate screen.

Claims 8-9 (cancelled)

Claim 10 (currently amended): The filtration cassette of ~~claim 1~~ claim 12, wherein said feed/retentate apertures are shaped to be asymmetrical.

Claim 11 (currently amended): The filtration cassette of ~~claim 1~~ claim 12, wherein said filtrate apertures are shaped to be asymmetrical.

Claim 12 (new): A filtration cassette comprising:

- a housing surrounding an assembly;

- wherein the assembly includes a first impermeable film 16 and a second impermeable film;

- a first retentate subassembly and a second subassembly are disposed in between the first impermeable film and the second impermeable film;

- a filtrate screen disposed in between the first retentate subassembly and the second

subassembly, wherein the filtrate screen includes a filtrate passageway extending between a plurality of first apertures and a plurality of second apertures;

the filtrate screen includes a plurality of longitudinal-opposed feed apertures and a plurality of longitudinal-opposed retenate apertures, wherein the plurality of longitudinal-opposed feed and retenate apertures are bound by a plurality of aperture seals;

wherein the plurality of longitudinal-opposed feed and retenate apertures include a flowable sealing resin that is drawn into the filtrate screen, wherein said sealing resin extends into the filtration passageways so as to eliminate the formation of non-uniformities in fluid flow therethrough.